

**DATA
STORAGE**

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TES – 1000

1/2" TAPE DRIVE EMULATOR

Replacement of Pertec Industry Interface



Plug-compatible replacement for tape drives with Industry Standard Pertec Interface

AMPEX, CIPHER, CONTROL DATA, DDC, DEC, HP, IBM, KENNEDY, PERTEC, QUALSTAR, STC, THORN EMI, WANGCO.

New Capabilities in Data Storage

- Fast, random access to files
- Store multiple tapes on a single disk (3 to 5 reels of tape on one 100 MB disk)
- Appears to the host as one large tape
- Virtually maintenance free

Features

- Available with ZIP/JAZ (Iomega), Syquest, SCSI disk, optical drive, streamer
- Universal 3 ½ inch high enclosure. Can be used as rack mount or table top.
- Tape transfer rate selectable 50 to 576 KB / sec.
- Reliable, light (5 kgs), low power (25 W)

Easy installation

- No software changes required
- Unplug the existing tape drive and install the TES 1000, using a cable adapter.
- Installation requires no changes to the diagnostics or operating software.



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Replacement of Pertec Industry Interface

Specifications

- Interface : Industry Standard Pertec, with parity maintained.
- Compatibility : ANSI, NRZI 800 DPI, PE 1600 BPI, PE 3200 FCI and GCR 6250 CPI.
- Connector : 50-Pin Centronic – Custom cable extensions and adapters available.
- internal SCSI bus : Asynchronous
- SCSI ID selection : Automatic
- Transfer rate : 50 KBytes/sec to 576 Kbytes/sec internally switch selectable
- Cache buffer :256 KBytes
- Load time : 5 sec. typical
- Rewind time :Less than 1 second for ZIP and JAZ
- Reliability : MTBF : more than100,000 hours
 MTTR : 15 minutes
 BIT : error rate : 1×10^{-12}
 MEDIA : Virtually error free
- Power : Voltage : 90 - 265 VAC (autosensing)
 Frequency : 47 - 63 Hz
 Power : 25 watts
- Physical : Desktop : 3.5 in. x 19 in. x 25 in., 15lbs (6.8 kg)
AEM Combo : 5.25 in. x 19 in. x 25 in., 35 lbs (15.9 kg)
VERSATILE CONFIGURATIONS : The TES 1000 is modular

Available drive options

DSX - 01 Z	100 MB ZIP drive
DSX - 10 JC	1 GB JAZ drive
DSX - 15 SC	1.5 GB SyJet drive
DSX - 20 R	2 GB removable hard disk drive
DSX - 26 J	2.6 GB JAZ drive
DSX - 40 R	4 GB removable hard disk drive
DSX - 52 MC	5.2 GB magneto optical drive
DSX - 90 R	9 GB removable hard disk drive